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### **Semestral Plan for Sec 4 NA Mathematics Syllabus A 2023**

The document captures the curriculum and assessment plan for Sec 4 Normal Academic for the year.

#### **1 Curriculum Plan**

<b>Tentative Week</b>	<b>Topics to cover</b>
Term 1 Week 1 – 3	Chapter 1 – Applications of Trigonometry
Term 1 Week 4 – 6	Chapter 2 – Arc Lengths, Sector Areas and Segment Areas
Term 1 Week 7	Weighted Assessment 1
Term 1 Week 7 – 10	Chapter 3 – Data Analysis – Measures of Spread
<b>11 March – 19 March</b>	<b>MARCH HOLIDAYS</b>
Term 2 Week 1 – 3	Chapter 4 – Probability
Term 2 Week 4	Chapter 5 – Properties of Circles (Until Chapter 5.2)
Term 2 Week 5	Weighted Assessment 2 Timed Practice
Term 2 Week 6	Chapter 5 – Properties of Circles (Chapter 5.3 – Chapter 5.4)
Term 2 Week 7 – 10	Revision
<b>27 May – 25 June</b>	<b>JUNE HOLIDAYS</b>
Term 3 Week 1 – 4	Revision
Term 3 Week 5 – 6	Preliminary Examination
Term 3 Week 7	Go through Preliminary Examination
Term 3 Week 8 – 10	Revision
<b>2 Sep – 10 Sep</b>	<b>SEPTEMBER HOLIDAYS</b>
Term 4 Week 1	N Level Examination (Part 1)
Term 4 Week 2 – 3	Revision
Term 4 Week 4	N Level Examination (Last part)

## 2 Assessment Plan

Weighted Assessment 1: 15%

Weighted Assessment 2: 15%

\*Timed Practice: 0%

Preliminary Exam: 70%

\*Timed practice is to familiarise students with examination format and conditions and to provide teachers and students with feedback on students' overall learning.

Assessment Components	Tentative Date	Topics covered
Weighted Assessment 1	Term 1 Week 7	<ul style="list-style-type: none"><li>• All Sec 1 to 3 topics</li><li>• Trigonometry</li></ul>
Weighted Assessment 2	Term 2 Week 5	<ul style="list-style-type: none"><li>• Sec 4 topics from Chapter 1 to 4</li></ul>
Timed Practice	Term 2 Week 5	<ul style="list-style-type: none"><li>• All Sec 1 to 3 topics</li><li>• Sec 4 topics from Chapter 1 to 4</li></ul>
Preliminary Examination	Term 3 Week 5 – 6	<ul style="list-style-type: none"><li>• All Sec 1 to 4 topics</li></ul>

### Preliminary Exam Format

Paper	Duration	Weightage	Remarks
Paper 1	2 hours	50%	<ul style="list-style-type: none"><li>• All topics</li><li>• 70 marks</li><li>• Answer on spaces provided</li><li>• There will be about 23 short answer questions.</li><li>• Candidates are required to answer all questions.</li></ul>
Paper 2	2 hours	50%	<ul style="list-style-type: none"><li>• All topics</li><li>• 70 marks</li><li>• Section A: Answer all questions. The last question in this section will focus specifically on applying mathematics to a real-world scenario.</li><li>• Section B: Answer one out of the two questions. The questions in Section B will be based on the underlined content and there will be one question from the 'Geometry and Measurement' strand and one from the 'Statistics and Probability' strand. Each question carries the same number of marks, that is, either 7 or 8 marks.</li><li>• Answer on spaces provided</li></ul>

### 3 Absence from tests

- (a) Medical certificates must be produced if student is absent for the test.
- (b) Parent's letter is strongly discouraged and its validity will be approved based on a case-by-case basis.
- (c) Absence from any test without a valid reason will result in zero mark for the test.
- (d) Do note that student will have to do a make-up test on the day he/she returns to school.

With this information, we hope all students will better prepare themselves for the heavy academic demands this year.

Do feel free to contact mathematics teachers should further clarification is needed on this matter.

4N Band 1 : Mdm Mavis Lee  
4N Band 2 : Mrs Eugenia Fam-Loh  
4N3\_3T SBB: Ms Cheryl Choo